

Form PTO 1449 US DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Atty Docket No. 789_056	Serial No. 09/677,304
	Applicant Yukihiisa TAKEUCHI and Kazuyoshi SHIBATA	
	Filing Date Concurrently Herewith	Group 2834

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### U.S. PATENT DOCUMENTS

Exam. Initial		Document Number	Date	Name	Class	Sub Class	Filing Date

### FOREIGN PATENT DOCUMENTS

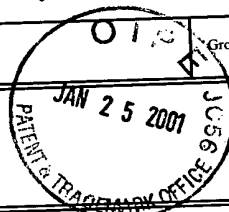
		Document Number	Date	Country	International Class	Sub Class	Translation	Abstract
mb	AA	10-136665 ✓	5/22/1998	JP	H02N	2/00		✓
mb	AB	63-64640 ✓	3/23/1988	JP	G11B	7/09		✓

### OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages Etc.)

mb	AC	Yoshikazu Soeno, et al., "Piezoelectric Piggy-Back Microactuator for Hard Disk Drive," IEEE Transactions on Magnetics, Vol. 35, No. 2, March 1999, pp 983-987. ✓
mb	AD	S. Koganezawa, et al., "Dual-Stage Actuator System for Magnetic Disk Drives Using a Shear Mode Piezoelectric Microactuator," IEEE Transactions on Magnetics, Vol. 35, No. 2, March 1999, pp 998-992. ✓
Examiner Thomas M. Dougherty		Date Considered 11-03-01

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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	Document Number	Date	Country	International Class	Sub Class	Translation	Abstract
<i>MD</i>	AE 2-159,982 /	6/20/1990	JP	H02N	2/00		
<i>MD</i>	AF 1-107,997 /	7/20/1989	JP	G12B	5/00		
<i>MD</i>	AG 62-168,535 /	10/26/1987	JP	H01H	57/00		
<i>MD</i>	AH 61-183,981 /	8/16/1986	JP	H01L	41/08		

### OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages Etc.)

Examiner <i>Thomas M. Dougherty</i>	Date Considered <i>11-13-01</i>	

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Exam Initial		Document Number	Date	Name	Class	Sub Class	Filing Date
TD	AI	5,691,594	11/25/1997	Takeuchi et al.	310	330	5/19/1995

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